

# Freeform Search

<b>Database:</b>	<input type="checkbox"/> US Pre-Grant Publication Full-Text Database <input type="checkbox"/> US Patents Full-Text Database <input type="checkbox"/> US OCR Full-Text Database <input type="checkbox"/> EPO Abstracts Database <input type="checkbox"/> JPO Abstracts Database <input checked="" type="checkbox"/> Derwent World Patents Index <input type="checkbox"/> IBM Technical Disclosure Bulletins
<b>Term:</b>	<input type="text" value="L22 and l13"/> <span style="float: right; margin-top: -20px;"> <input type="button" value="Search"/>  <input type="button" value="Clear"/>  <input type="button" value="Interrupt"/> </span>
<b>Display:</b>	<input type="text" value="10"/> <b>Documents in Display Format:</b> <input type="radio"/> List <input checked="" type="radio"/> Document <input type="radio"/> Starting with Number <input type="text" value="1"/>
<b>Generate:</b> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

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## Search History

**DATE:** Sunday, June 26, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set result</u>
	<u>side by side</u>			
	<u>DB=USPT; PLUR=YES; OP=OR</u>			
<u>L23</u>	L22 and l13		2	<u>L23</u>
<u>L22</u>	l20 same (l15 same (aluminum or l13))		37	<u>L22</u>
<u>L21</u>	L20 and (l15 same (aluminum or l13))		966	<u>L21</u>
<u>L20</u>	(SAM or monolayer or (mono adj layer) or (self adj (assembling or assembled or assemble) monolayer))		49409	<u>L20</u>
<u>L19</u>	L18 and (l15 or (SAM or monolayer or (mono adj layer) or (self adj (assembling or assembled or assemble) monolayer)))		7	<u>L19</u>
<u>L18</u>	Allara and l13		8	<u>L18</u>
<u>L17</u>	L16 and l11		18	<u>L17</u>
<u>L16</u>	L15 with 19		13427	<u>L16</u>
<u>L15</u>	(fatty adj acid) or carboxylic or thiol or aldehyde or amide or perfluoroalkyl or ("c.sub.5 F.sub.9 o.sub.2 h") or ("c.sub.9 F.sub.17 o.sub.2 h") or ("c.sub.10 F.sub.19 o.sub.2 h") or ("c.sub.14 F.sub.27 o.sub.2 h")		342719	<u>L15</u>
<u>L14</u>	L13 and l11		1	<u>L14</u>
<u>L13</u>	l9 near4 l17		29703	<u>L13</u>

<u>L12</u>	L11 and l9 (laibinis or tao or hickman or wrighton or whitesides) same (SAM or monolayer or (mono adj layer) or (self adj (assembling or assembled or assemble) monolayer))	112	<u>L12</u>
<u>L11</u>		231	<u>L11</u>
<u>L10</u>	L9 and l8	3	<u>L10</u>
<u>L9</u>	aluminum	545832	<u>L9</u>
<u>L8</u>	L7 and l6	3	<u>L8</u>
<u>L7</u>	(particle or flake or powder or particulate)	736616	<u>L7</u>
<u>L6</u>	whitesides same monolayer same (aluminum)	4	<u>L6</u>
<u>L5</u>	L4 same (particle or flake or powder or particulate)	1	<u>L5</u>
<u>L4</u>	whitesides same monolayer same (al or aluminum)	75	<u>L4</u>
<u>L3</u>	whitesides and monolayer	345	<u>L3</u>
<u>L2</u>	L1 and (al or aluminum)	1	<u>L2</u>
<u>L1</u>	6259092.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

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### Search Results -

Terms	Documents
(aluminum) near4 (L6 or "SAM" or "SAMs" or ((L22 or L16) with monolayer))	6507

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**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

L50

Refine Search

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### Search History

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**DATE:** Sunday, June 26, 2005    [Printable Copy](#)    [Create Case](#)

<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set</u>
<u>Name</u>	<u>result set</u>		<u>Name</u>	<u>set</u>
side by side				
DB=USPT; PLUR=YES; OP=OR				
<u>L50</u>		(aluminum) near4 (l6 or "SAM" or "SAMs" or ((l22 or l16) with monolayer))	6507	<u>L50</u>
<u>L49</u>		l46 same l45	5004	<u>L49</u>
<u>L48</u>		L46 and l45	5004	<u>L48</u>
<u>L47</u>		L46 amd l45	13923	<u>L47</u>
<u>L46</u>		aluminum near3 l6	5004	<u>L46</u>
<u>L45</u>		(aluminum) near4 (l6 or "SAM" or "SAMs" or l22 or l16)	6513	<u>L45</u>
<u>L44</u>		(al or aluminum) near4 (l6 or "SAM" or "SAMs" or l22 or l16)	13854	<u>L44</u>
DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR				
<u>L43</u>		L42 and l3	6	<u>L43</u>
<u>L42</u>		aluminum near5 (synthesizing or sythesize or (decomposition adj (forming or formed)) or production or producing or forming)	63259	<u>L42</u>
DB=PGPB,EPAB,JPAB,DWPI; PLUR=YES; OP=OR				
<u>L41</u>		l37 or l38	29	<u>L41</u>

<u>L40</u>	37L39	0	<u>L40</u>
<u>L39</u>	L38 or l27	29	<u>L39</u>
<u>L38</u>	l36 same l35	29	<u>L38</u>
<u>L37</u>	L36 same l34	18	<u>L37</u>
<u>L36</u>	aluminum	561549	<u>L36</u>
<u>L35</u>	L33 same (monolayer or "SAMs" or "SAM" or l32)	953	<u>L35</u>
<u>L34</u>	L33 with (monolayer or "SAMs" or "SAM" or l32)	526	<u>L34</u>
<u>L33</u>	'passivated or passivation or passivating or protective or protecting or protected	707470	<u>L33</u>
<u>L32</u>	L31 with monolayer (selfassembling or (self-assembling) or selfassembling or (self-assembling) or (self adj (assembling))) or (selfassembled or (self-assembled) or selfassemble or (self-assemble) or (self adj (assembled or assemble)))	1837	<u>L32</u>
	<i>DB=USPT; PLUR=YES; OP=OR</i>	4720	<u>L31</u>
<u>L30</u>	l7 same (aluminum)	17	<u>L30</u>
<u>L29</u>	L28 not "al."	117	<u>L29</u>
<u>L28</u>	L27 same (aluminum or al)	117	<u>L28</u>
<u>L27</u>	monolayer with l6	496	<u>L27</u>
<u>L26</u>	L25 and aluminum	5	<u>L26</u>
<u>L25</u>	L24 with l6	6	<u>L25</u>
<u>L24</u>	(L22 or l23) with monolayer	182	<u>L24</u>
<u>L23</u>	L22 with monolayer	182	<u>L23</u>
<u>L22</u>	selfassembling or (self-assembling) or selfassembling or (self-assembling) or (self adj (assembling))	970	<u>L22</u>
<u>L21</u>	L20 or (l20 and aluminum)	14	<u>L21</u>
<u>L20</u>	L19 same (aluminum or metal)	14	<u>L20</u>
<u>L19</u>	L18 with l6	106	<u>L19</u>
<u>L18</u>	L17 or l15	23900	<u>L18</u>
<u>L17</u>	L16 near2 monolayer	1050	<u>L17</u>
<u>L16</u>	selfassembled or (self-assembled) or selfassemble or (self-assemble) or (self adj (assembled or assemble))	2457	<u>L16</u>
<u>L15</u>	"SAM" or "SAMs"	23224	<u>L15</u>
<u>L14</u>	L13 and (metal or al or aluminum)	39	<u>L14</u>
<u>L13</u>	(l3 or l1) with l6	39	<u>L13</u>
<u>L12</u>	l8 and aluminum	14	<u>L12</u>
<u>L11</u>	l8 and l5	15	<u>L11</u>
<u>L10</u>	L9 not l8	36	<u>L10</u>
<u>L9</u>	"al,"	36	<u>L9</u>
<u>L8</u>	L7 with l6	15	<u>L8</u>
<u>L7</u>	l3 or l4	434	<u>L7</u>
<u>L6</u>	passivated or passivation or passivating or protective or protecting or protected	583321	<u>L6</u>

<u>L5</u>	(al or aluminum)	3007351	<u>L5</u>
<u>L4</u>	l1 near4 (al or aluminum)	300	<u>L4</u>
<u>L3</u>	SAMAL or ALSAM or ((Al or aluminum)adj SAM) or (SAM adj (Al or aluminum))	134	<u>L3</u>
<u>L2</u>	l1 with (al or aluminum)	493	<u>L2</u>
<u>L1</u>	self adj (assembled or assemble) adj monolayer	1010	<u>L1</u>

END OF SEARCH HISTORY